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**Barker**

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(54) **SUBMARINE COUNTERMEASURE  
VEHICLE WITH FOLDING PROPELLER**

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244/3.29; 244/63; 416/138; 416/142**

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238; 416/138, 142**

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(57) **ABSTRACT**

A submarine countermeasure vehicle includes an elongated body for supporting a countermeasure device, and a propulsion assembly mounted on an after end of the body. The propulsion assembly includes a rotatable propeller hub, propeller blades mounted on the hub and moveable between a first position wherein the blades extend substantially radially outwardly from the hub, and a second position wherein the blades extend generally axially of the hub. A spring is mounted on each of the blades and in the hub, the spring biasing the blades toward the first position, but of sufficient flexibility to permit the blades to move to the second position upon launch of the vehicle from an under-water launch tube.

**5 Claims, 5 Drawing Sheets**

